

IN THE SPECIFICATION

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE the paragraph beginning at page 8, line 17, with the following paragraph:

FIG. 2 is an illustration for explaining operation and function of an embodiment of the present invention,

Please REPLACE the paragraph beginning at page 8, line 19, with the following paragraph:

FIG. 3 is an illustration for explaining a relationship between an electric discharge area and the number of times of electric discharge,

Please REPLACE the paragraph beginning at page 8, line 21, with the following paragraph:

FIG. 4 is a diagram for explaining a relationship between an electric discharge area and the number of times of electric discharge,

Please REPLACE the paragraph beginning at page 8, line 23, with the following paragraph:

FIG. 5 is a diagram for explaining a relationship between average machining voltage and the amount of feed, in control according to an embodiment of the invention,

Please REPLACE the paragraph beginning at page 8, line 26, with the following paragraph:

FIG. 6 is a diagram showing the waveform of machining voltage and the waveform of feed speed obtained by monitoring in an experimental example where second cutting and third cutting were performed on a stepped machined surface of a workpiece, under finishing feed control to which an embodiment was applied,

Please REPLACE the paragraph beginning at page 11, line 20, with the following paragraph:

FIG. 2 is a schematic view for showing operation and function of an embodiment in finishing for smoothing irregularities of a machined surface.